

capacity used in performing the activity specified by the operation model;

such that both material and capacity usage are simultaneously represented by the process network model along with timing constraints between activities.

¹²
~~59~~. The method of Claim ~~57~~¹⁰, wherein each plurality of fields includes a plurality of extension selector fields that allow a user to specify one of a plurality of optional extensions incorporating additional fields and semantics in addition to fields specified by the model type into each model selecting the optional extension.--

REMARKS

Applicant submits that the cited references do not anticipate or make obvious Applicant's claimed invention of Claims 41-59. For example, none of the cited references disclose operation models that specify buffer models from which material is consumed and buffer models to which material is supplied. The cited references also do not disclose the claimed process network model representing timing constraints between activities using buffer models. Applicant therefore requests early and favorable acceptance of this continuation application.

The Commissioner is hereby authorized to charge any fees or credit any overpayment to Deposit Account No. 02-0384 of Baker & Botts, L.L.P.

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If there are matters which can be discussed by telephone to further the prosecution of this Application, Applicants respectfully request that the Examiner call their attorney at the number listed below.

Respectfully submitted,
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